

Appln No. 10/069,915
Amdt date April 14, 2006
Reply to Office action of December 14, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A door module for fixing to a door body forming a door base component of a motor vehicle door comprising:

- a frame structure including a window frame having a guide for receiving a window pane;
- an assembly carrier for holding functional components of the vehicle door, on which at least structural elements of a window lifter for holding the window pane are prefitted; and
- at least one fixing node provided on the frame structure and through which the frame structure can be connected to the door body, wherein the at least one fixing node includes means for adjusting the position of the window frame relative to the fixing node and the assembly carrier about a longitudinal axis of the vehicle door[[.]], wherein the means for adjusting the position of the window frame are provided for swiveling the window frame relative to the fixing node, and wherein the window frame and the fixing node have a ball and socket connection.

2. (Canceled)

3. (Currently Amended) The door module according to claim 1 ~~or~~ 2 wherein the at least one fixing node is a separate structural part of the door module.

4. (Previously Presented) The door module according to claim 1 wherein the at least one fixing node is mounted in a region of an upper end section of the assembly carrier facing a window opening in the frame structure.

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5. (Previously Presented) The door module according to claim 1 wherein the at least one fixing node protrudes laterally within the frame structure.

6. (Previously Presented) The door module according to claim 1 wherein the at least one fixing node comprises a housing for receiving the window frame and for housing the means for adjusting the position of the window frame.

7. (Previously Presented) The door module according to claim 1 wherein the at least one fixing node and the assembly carrier form one structural unit, relative to which the position of the window frame can be adjusted.

8. (Canceled)

9. (Currently Amended) The door module according to claim [[8]] 1 wherein the window frame is associated with a front and a rear fixing node in relation to the longitudinal axis of the vehicle door, wherein each of the fixing nodes comprises means for adjusting the position of the window frame.

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Currently Amended) A door module for fixing to a door body forming a door base component of a motor vehicle door comprising:

- a frame structure including a window frame having a guide for receiving a window pane;

- an assembly carrier for holding functional components of the vehicle door, on which at least structural elements of a window lifter for holding the window pane are prefitted;

and

- at least one fixing node provided on the frame structure and through which the frame structure can be connected to the door body, wherein the at least one fixing node includes means for adjusting the position of the window frame relative to the fixing node and the assembly carrier about a longitudinal axis of the vehicle door. ~~The door module according to claim 1~~ wherein the means for adjusting the position of the window frame comprises a wedge which is mounted between the window frame and the at least one fixing node.

14. (Previously Presented) The door module according to claim 13 wherein the wedge is displaceable in the door plane (xz-plane), more particularly transverse to the longitudinal axis (x) of the vehicle between the fixing node and the window frame.

15. (Previously Presented) The door module according to claim 14 wherein the window frame is able to swivel about a longitudinal axis of the vehicle door and relative to the at least one fixing node and the assembly carrier.

16. (Previously Presented) The door module according to claim 1 wherein the means for adjusting the position of the window frame acts independently of fixing means for connecting the window frame to the at least one fixing node.

17. (Previously Presented) The door module according to claim 1 wherein the means for adjusting the position of the window frame can be locked in a defined position by a fixing means.

18. (Canceled)

19. (Canceled)

20. (Currently Amended) The door module according to claim ~~18 or 19~~ 1, wherein the door module comprises means for reinforcing the vehicle door, wherein the means for reinforcing the door comprise a longitudinally extended reinforcement element, which extends along a longitudinal axis of the vehicle door and is connected to the at least one fixing node.

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21. (Previously Presented) The door module according to claim 20 wherein the means for reinforcing the door extends between a front and a rear fixing node and is connected to each of the fixing nodes.

22. (Previously Presented) The door module according to claim 20 wherein the longitudinally extended reinforcement element is tubular, at least in the region of the at least one fixing node.

23. (Previously Presented) The door module according to claim 20 wherein the longitudinally extended reinforcement element is supported on the at least one fixing node.

24. (Previously Presented) The door module according to claim 20 wherein the longitudinally extended reinforcement element is connected with keyed engagement to the at least one fixing node.

25. (Previously Presented) The door module according to claim 24 wherein the keyed connection is a plug fit connection.

26. (Previously Presented) The door module according to claim 20 wherein the longitudinally extended reinforcement element is additionally connected to the assembly carrier through a material-bonding connection.

27. (Previously Presented) The door module according to claim 20 wherein the assembly carrier is one of strengthened and profiled in the region of the longitudinally extended reinforcement element.

28. (Previously Presented) The door module according to claim 1 wherein functional components of the vehicle door are prefitted on the assembly carrier.

29. (Currently Amended) The motor vehicle door ~~module~~ according to claim [[1]] 30 wherein the at least one fixing node has means that interacts with corresponding means in the

door body for adjusting the position of the at least one fixing node relative to the door body in a direction generally parallel to a longitudinal axis of the vehicle door.

30. (Currently Amended) A motor vehicle door comprising:
a door module including:
- a frame structure including a window frame having a guide for receiving a window pane;
 - an assembly carrier for holding functional components of the vehicle door, on which at least structural elements of a window lifter for holding the window pane are prefitted; and
 - at least one fixing node provided on the frame structure and through which the frame structure can be connected to a door body, wherein the at least one fixing node includes means for adjusting the position of the window frame relative to the fixing node and the assembly carrier about a longitudinal axis of the vehicle door, wherein the means for adjusting the position of the window frame are provided for swiveling the window frame relative to the fixing node, and wherein the window frame and the fixing node have a ball and socket connection; and
 - said door body, forming a base component of the door, connected to the door module.

31. (Previously Presented) The motor vehicle door according to claim 30 wherein at least one section of the frame structure is inserted into the door body.

32. (Previously Presented) The motor vehicle door according to claim 30 wherein a position of the door module can be longitudinally adjusted relative to the door body.

33. (Previously Presented) The motor vehicle door according to claim 32 wherein in order to adjust the position of the door module relative to the door body, at least one bolt is provided, which is associated with an oblong hole in the door body.

34. (Previously Presented) The motor vehicle door according to claim 32 wherein in order to adjust the position of the door module, the position of the at least one fixing node is adjustable relative to the door body.

35. (Previously Presented) The motor vehicle door according to claim 30 wherein the door module is connected to the door body substantially without any adjustment play perpendicular to a plane substantially along a vertical plane of the vehicle door.

36. - 39. (Canceled).

40. (New) The door module according to claim 13, wherein the at least one fixing node is a separate structural part of the door module.

41. (New) The door module according to claim 13 wherein the at least one fixing node is mounted in a region of an upper end section of the assembly carrier facing a window opening in the frame structure.

42. (New) The door module according to claim 13 wherein the at least one fixing node protrudes laterally within the frame structure.

43. (New) The door module according to claim 13 wherein the at least one fixing node comprises a housing for receiving the window frame and for housing the means for adjusting the position of the window frame.

44. (New) The door module according to claim 13 wherein the at least one fixing node and the assembly carrier form one structural unit, relative to which the position of the window frame can be adjusted.

45. (New) The door module according to claim 13 wherein the window frame is associated with a front and a rear fixing node in relation to the longitudinal axis of the vehicle

door, wherein each of the fixing nodes comprises means for adjusting the position of the window frame.

46. (New) The door module according to claim 13 wherein the means for adjusting the position of the window frame acts independently of fixing means for connecting the window frame to the at least one fixing node.

47. (New) The door module according to claim 13 wherein the means for adjusting the position of the window frame can be locked in a defined position by a fixing means.

48. (New) The door module according to claim 13, wherein the door module comprises means for reinforcing the vehicle door, wherein the means for reinforcing the door comprise a longitudinally extended reinforcement element, which extends along a longitudinal axis of the vehicle door and is connected to the at least one fixing node.

49. (New) The door module according to claim 48 wherein the means for reinforcing the door extends between a front and a rear fixing node and is connected to each of the fixing nodes.

50. (New) The door module according to claim 48 wherein the longitudinally extended reinforcement element is tubular, at least in the region of the at least one fixing node.

51. (New) The door module according to claim 48 wherein the longitudinally extended reinforcement element is supported on the at least one fixing node.

52. (New) The door module according to claim 48 wherein the longitudinally extended reinforcement element is connected with keyed engagement to the at least one fixing node.

53. (New) The door module according to claim 52 wherein the keyed connection is a plug fit connection.

54. (New) The door module according to claim 48 wherein the longitudinally extended reinforcement element is additionally connected to the assembly carrier through a material-bonding connection.

55. (New) The door module according to claim 48 wherein the assembly carrier is one of strengthened and profiled in the region of the longitudinally extended reinforcement element.

56. (New) The door module according to claim 13 wherein functional components of the vehicle door are prefitted on the assembly carrier.

57. (New) A motor vehicle door comprising:

a door module including:

- a frame structure including a window frame having a guide for receiving a window pane;

- an assembly carrier for holding functional components of the vehicle door, on which at least structural elements of a window lifter for holding the window pane are prefitted; and

- at least one fixing node provided on the frame structure and through which the frame structure can be connected to a door body, wherein the at least one fixing node includes means for adjusting the position of the window frame relative to the fixing node and the assembly carrier about a longitudinal axis of the vehicle door, wherein the means for adjusting the position of the window frame comprises a wedge which is mounted between the window frame and the at least one fixing node; and

- said door body, forming a base component of the door, connected to the door module.

58. (New) The motor vehicle door according to claim 57 wherein the at least one fixing node has means that interacts with corresponding means in the door body for adjusting the

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position of the at least one fixing node relative to the door body in a direction generally parallel to a longitudinal axis of the vehicle door.

59. (New) The motor vehicle door according to claim 57 wherein at least one section of the frame structure is inserted into the door body.

60. (New) The motor vehicle door according to claim 57 wherein a position of the door module can be longitudinally adjusted relative to the door body.

61. (New) The motor vehicle door according to claim 60 wherein in order to adjust the position of the door module relative to the door body, at least one bolt is provided, which is associated with an oblong hole in the door body.

62. (New) The motor vehicle door according to claim 60 wherein in order to adjust the position of the door module, the position of the at least one fixing node is adjustable relative to the door body.

63. (New) The motor vehicle door according to claim 57 wherein the door module is connected to the door body substantially without any adjustment play perpendicular to a plane substantially along a vertical plane of the vehicle door.